

Water Utilities FY 2006 and FY 2007 Rate Information

Rate Information

On October 1, 2004, Arlington Water Utilities implemented a **Cost of Service** rate structure and **Conservation** rates. A cost of service rate structure is one that pays for itself and is based on the actual cost of the individual components. Conservation rates are designed to encourage customers to reduce the amount of water they use, especially for irrigation.

The following table contains the fiscal year 2006 and fiscal year 2007 fixed fees for water and wastewater. The fixed monthly fee does not include any credit for water consumption or wastewater flow.

Meter Size	Fixed Monthly Fee			
	FY06		FY07	
	Water	Wastewater	Water	Wastewater
¾" (<2,000 gal) Residential Only	\$ 4.15	\$ 3.35	\$ 4.40	\$ 3.60
¾" (>2,000 gal) Residential and all other customer classes	6.85	5.75	7.55	6.93
1"	11.99	10.06	13.21	12.13
1 ½"	27.40	23.00	30.20	27.72
2"	47.95	40.25	51.79	44.28
3"	109.60	52.52	117.27	57.77
4"	175.93	91.91	188.24	100.18
6"	405.48	209.91	437.91	228.80
8"	635.03	327.97	685.83	360.76
10"	953.89	491.92	1030.20	541.11

The following table contains the charge per 1,000 gallons for water for all residential, duplex, residential builder and individual mobile home account classifications.

Conservation Rates Residential Block Structure		
Usage (1,000 gal)	FY06 Rate	FY07 Rate
0 – 2	\$1.36	\$1.32
3 – 10	\$1.67	\$1.56
11 – 15	\$2.25	\$2.40
> 15	\$2.80	\$3.00

The following table contains water rates for all commercial, apartment, institutional, high volume and construction meter account classifications.

Conservation Rates Commercial Block Structure		
Usage (1,000 gal)	FY06 Rate	FY07 Rate
0 – 15	\$1.54	\$1.51
> 15	\$1.84	\$1.84

The following table contains the per 1,000 gallon charge for all meters used for sprinkler accounts, regardless of account classification.

Conservation Rates Irrigation Block Structure		
Usage (1,000 gal)	FY06 Rate	FY07 Rate
All usage	\$2.80	\$3.00

The following table contains the per 1,000 gallon charge for wastewater for all account classifications.

Wastewater Rates All Classifications Block Structure		
Usage (1,000 gal)	FY06 Rate	FY07 Rate
All usage	\$2.43	\$2.58

The following is an example of the monthly total billing for an average residential customer with a 3/4" meter, using 10,000 gallons of water and 6,000 gallons of wastewater.

AVERAGE RESIDENTIAL CUSTOMER Example – Water Charge			
	FY06		FY07
Fixed Fee	\$ 6.85		\$ 7.55
First 2,000 gallons	2.72	(2 x \$1.36)	2.64
Next 8,000 gallons	<u>13.36</u>	(8 x \$1.67)	<u>12.48</u>
Total Water Charge	\$22.93		\$22.67
Example – Wastewater Charge			
	FY06		FY07
Fixed Fee	\$ 5.75		\$ 6.93
6,000 gallons	<u>14.58</u>	(6 x \$2.43)	<u>15.48</u>
Total Wastewater Charge	\$20.33		\$22.41
Combined Charge Total	\$43.26	(\$22.93 + \$20.33)	\$45.08
			(\$22.67 + \$22.41)

The following is an example of the monthly total billing for an average commercial customer with a 2" meter, using 50,000 gallons of water and 50,000 gallons of wastewater.

AVERAGE COMMERCIAL CUSTOMER				
Example – Water Charge				
	FY06		FY07	
Fixed Fee	\$ 47.95		\$ 51.79	
First 15,000 gallons	23.10	(15 x \$1.54)	22.65	(15 x \$1.51)
Next 35,000 gallons	<u>64.40</u>	(35 x \$1.84)	<u>64.40</u>	(35 x \$1.84)
Total Water Charge	\$135.45		\$138.84	
Example – Wastewater Charge				
	FY06		FY07	
Fixed Fee	\$ 40.25		\$ 44.28	
50,000 gallons	<u>121.50</u>	(50 x \$2.43)	<u>129.00</u>	(50 x \$2.58)
Total Wastewater Charge	\$161.75		\$173.28	
Combined Charge Total	\$297.20	(\$135.45 + \$161.75)	\$312.12	(\$138.84 + \$173.28)

City of Arlington

Water Utilities FY 2006 Miscellaneous Statistics

City Demographics	
Population	365,450
Temperature – annual average	65.5°F
Precipitation (inches)	
Annual average	34.73
Fiscal year actual	20.74
Customer Accounts (accounts are billed monthly)	
Water accounts (with builder)	97,299
Water accounts (without builder)	97,293
Wastewater accounts	95,124
Annual Gallons Billed Consumption (in 000s)	
Residential	12,954,535
Multi-Family	3,516,736
Commercial	4,568,885
Other	<u>2,691,915</u>
Total	23,732,071
Annual Gallons Flow (in 000s)	
Residential	5,288,721
Multi-Family	3,467,037
Commercial	<u>3,101,710</u>
Total	11,857,468
Average Residential Water Use (in 000s)	
Daily	35,491.9
Summer (June, July, Aug & Sept)	47,926.6
Winter (Dec, Jan & Feb)	25,379.5

FY 2006 System Infrastructure Statistics

Service area	98.7 sq. miles
Number of water plants	2
Number of elevated tanks	9
Number of ground storage tanks	9
Total volume of elevated tanks	15.5
Total volume of ground storage tanks	32.2
Miles of Mains	
Water	1,378
Sewer	1,194
Treatment plant ozonated treatment capacity (MGD)	
Pierce Burch Treatment Plant	75
John Kubala Treatment Plant	65
Combined ozonated treatment capacity	140
Source of purchased raw water:	
Tarrant Regional Water District, through their water pipeline that carries water from Cedar Creek and Richland Chambers Reservoirs	
Other source of water:	
Lake Arlington, City of Arlington and Tarrant Regional Water District	
Wastewater treatment:	
Trinity River Authority Central Regional Wastewater Treatment Plant	